

PATENT
Customer No. 22,852
Attorney Docket No. 07812.0050-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Christopher NUTBEEM et al.)	Group Art Unit: Unassigned
)	
Application No.: 10/511,203)	Examiner: Unassigned
)	
Filed: October 14, 2004)	
)	
For: PAPER COATING PIGMENTS)	Confirmation No.: 8623
)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed foreign and non-patent literature documents are attached.
Copies of the U.S. patent publications are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached listing.

With respect to the non-English language documents, Applicants submit the following remarks:

1. **EP 0 713 548** - The Abstract of the Disclosure of this document can be found in the English Language Derwent Abstract submitted herewith.
2. **EP 1 021 621 B1** - The Abstract of the Disclosure of this document can be found in the English Language Derwent Abstract submitted herewith.
3. **JP 2001-005947** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
4. **JP 2002-113450** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
5. **JP 01-170900** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
6. **JP 02-077045** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
7. **JP 02-305380** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
8. **JP 03-240243** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
9. **JP 03-341097** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
10. **JP 04-189000** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
11. **JP 04-242579** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.

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12. **JP 04-315408** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
13. **JP 05-092901** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
14. **JP 10-289884** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
15. **JP 10-113780** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.
16. **JP 2001-225501** - The Abstract of the Disclosure of this document can be found in the English Language Patent Abstract of Japan submitted herewith.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

/Shuangyi Abu Ali/

03/01/2010

If there is any fee due in connection with the filing of this Statement, please
charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: December 15, 2005

By: 

Adriana L. Burgoyne
Reg. No. 48,564

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/511,203
				Filing Date	October 14, 2004
				First Named Inventor	Christopher Nulbeem et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	07812.0050-00
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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-5,833,747	11/10/1998	Bleakley et al.	
		US-3,661,610	5/9/1972	Ferris	
		US-3,674,529	7/4/1972	G.L. Toms	
		US-4,298,652	11/3/1981	Suzuki et al.	
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		US-4,820,554	4/11/1989	Jones et al.	
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		US-5,100,472	3/31/1992	Fugitt et al.	
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		US-5,151,124	9/29/1992	Rice	
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		US-5,219,660	6/15/1993	Wason et al.	
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		US-5,352,287	10/4/1994	Wason et al.	
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		US-5,344,487	9/6/1994	Whalen-Shaw	
		US-5,439,558	8/8/1995	Bergmann et al.	
		US-5,670,242	9/23/1997	Asano et al.	
		US - 5,853,870	12/29/1998	Uchimura et al.	
		US-5,861,209	1/19/1999	Haskins et al.	
		US-5,882,396	3/16/1999	Hioms	
		US-5,985,424	11/16/1999	DeMatte et al.	
		US-6,004,467	12/21/1999	Bleakley	
		US-6,143,064	11/7/2000	Virtanen	
		US-6,284,034	9/4/2001	Hioms et al.	
		US-6,312,511	11/6/2001	Bilimoria et al.	
		US-6,440,209	8/27/2002	Ravishankar et al.	
		US-6,482,581	11/19/2002	Govers et al.	
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		US-6,602,484	8/5/2003	Virtanen	
		US-6,699,318	3/2/2004	Virtanen	
		US-6,811,600	11/2/2004	Mathur et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.A./

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/511,203
				Filing Date	October 14, 2004
				First Named Inventor	Christopher Nutbeam et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	07812.0050-00
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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

	US-6,887,351	5/3/2005	Lunden et al.	
	US-RE38,301E	11/11/2003	Bleakley et al.	
	US-2001/0026869	10/4/2001	Wicher et al.	
	US-2005/0031805	2/10/2005	Fugitt et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁵
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				
		EP 0 528 078 A1	2/24/1993	ECC Int'l. Ltd.		
		EP 0 521 737 A1	1/7/1993	OY Partek AB		
		EP 0 355 521 B1	2/28/1990	J.M. Huber Corp.		
		EP 0 981 667 B1	3/1/2000	Minerals Technologies Inc.		
		EP 1 052 227 A2	11/15/2000	ECC Int'l. Ltd.		
		EP 0 587 692 B1	3/23/1994	MO Och Domsjo Aktiebolag		
		EP 0 713 548 B1	5/29/1996	Stora Publication Paper		Abstract
		EP 1 021 621 B1	7/26/2000	Ahlstrom Paper Research and Competence Center		Abstract
		EP 1 114 735 A2	7/11/2001	Westvaco Corp.		
		EP 1 270 247 B1	1/2/2003	Mitsubishi Paper Mills, Ltd		
		JP 2001-005947	7/31/2002	Sumitomo Heavy Ind Ltd.		Abstract
		JP 2002-113450	11/28/2003	Mitsubishi Paper Mills Ltd.		Abstract
		JP 01-170900	2/21/1991	Kanzaki Paper Mfg. Co. Ltd.		Abstract
		JP 02-077045	12/9/1991	Toshiba Corp. Toshiba Intelligent Technol Ltd.		Abstract
		JP 02-305380	7/2/1992	Mitsubishi Paper Mills Ltd.		Abstract
		JP 03-240243	3/9/1993	Okutama Kogyo KK		Abstract
		JP 03-341097	7/9/1993	Mitsubishi Paper Mills Ltd.		Abstract
		JP 04-189000	1/18/1994	Okutama Kogyo KK		Abstract
		JP 04-242579	3/8/1994	New OJI Paper Co. Ltd.		Abstract
		JP 04-315408	6/7/1994	Japan Synthetic Rubber Co. Ltd.		Abstract
		JP 05-092901	11/1/1994	New OJI Paper Co. Ltd.		Abstract
		JP 10-289884	7/27/1999	Halindl Papier GmbH		Abstract
		JP 10-113780	11/2/1999	OJI Paper Co. Ltd.		Abstract
		JP 2001-225501	2/13/2003	Okutama Kogyo KK		Abstract
		WO 98/56860	12/17/1998	ECC Int'l. Inc.		
		WO 00/66509	11/9/2000	Imerys Pigments, Inc.		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.A./

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				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	07812.0050-00
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		WO 00/66510	11/9/2000	Imerys Pigment, Inc.	
		WO 03/093577 A1	11/13/2003	Nutbeem et al.	
		WO 03/054300 A1	7/3/2003	Minerals Technologies Inc.	
		WO 2004/059079 A2	7/15/2004	Imerys Pigments, Inc.	
		WO 2005/033403 A1	4/14/2005	Imerys Pigments, Inc.	
		WO 2005/061386 A1	7/7/2005	Imerys Pigments, Inc.	
		WO 2004/114014 A1	12/29/2004	Meadwestvaco Corp.	
		WO 00/40424	7/13/2000	International Paper Co.	
		WO 99/51815	10/14/1999	ECC Int'l. Ltd.	
		WO 00/66509	11/9/2000	Imerys Pigments, Inc.	
		WO 00/66510	11/9/2000	Imerys Pigments, Inc.	
		GB 2 240 396 A	7/31/1991	ECC Int'l. Ltd.	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		Translation ²
		D.B. CRAWSHAW et al., "The Influence of Pigment Particle Shape on the Performance of Paper Coating," Coating Conference 1982, pgs. 143-164		
		R.W. HAGEMEYER, "The Effect of Particle Shape and Chemical Composition on the Packing Characteristics of Pigment Combinations," <i>Tappi</i> , Vol. 47, No. 2, February 1964, pgs. 74-77		
		R.W. HAGEMEYER, "The Effect of Pigment Combination and Solids Concentration on Particle Packing and Coated Paper Characteristics," <i>Tappi</i> , Vol. 43, No. 3, March 1960, pgs. 277-288		
		R. GRANT et al., "Coated-Paper Producers Look Forward to Brighter Times," <i>PPI</i> , May 1994, pgs. 18, 20, 25-27, 29, 31.		
		Copy of English Abstract for EP 0 713 548 B1	5/29/1996	
		Copy of English Abstract for EP 1 021 621 B1	7/26/2000	
		Copy of English Abstract for JP 2001-005947	7/31/2002	
		Copy of English Abstract for JP 2002 113450	11/28/2003	
		Copy of English Abstract for JP 01-170900	2/21/2001	
		Copy of English Abstract for JP 02-077045	12/9/1991	
		Copy of English Abstract for JP 02-305380	7/2/1992	
		Copy of English Abstract for JP 03-240243	3/9/1993	
		Copy of English Abstract for JP 03-341097	7/9/1993	
		Copy of English Abstract for JP 04-189000	1/18/1994	
		Copy of English Abstract for JP 04-242579	3/8/1994	
		Copy of English Abstract for JP 04-315408	6/7/1994	
		Copy of English Abstract for JP 05-092901	11/1/1994	
		Copy of English Abstract for JP 10-289884	7/27/1999	
		Copy of English Abstract for JP 10-113780	11/2/1999	

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				<i>First Named Inventor</i>	Christopher Nutbeam et al.
				<i>Art Unit</i>	Unassigned
				<i>Examiner Name</i>	Unassigned
Sheet	4	of	4	<i>Attorney Docket Number</i>	07812.0050-00

NON PATENT LITERATURE DOCUMENTS		
	Copy of English Abstract for JP 2001-225501	

Examiner Signature	/Shuangyi Abu Ali/	Date Considered	02/18/2010
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.